

Work Order ID 62796

Friday, October 08, 2010 10:36:25 AM

Page 1

Item ID: D4074-1

Accept

Setup Start

Revision ID:

Stop

Item Name: Bracket

Start Date: 10/8/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 10/15/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

Date: 10/10/08

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4074

A

100

0.00



Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

10-10-12

(2)

110

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

10-10-12

MATERIAL CENTER

REQ'D UPON DEL

08/10/10/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 62796

Friday, October 08, 2010 10:36:25 AM



Page 3

Item ID:	D4074-1	Accept		Setup	Start	
Revision ID:						
Item Name:	Bracket				Stop	
Start Date:	10/8/2010	Start Qty:	1.00			
Required Date:	10/15/2010	Req'd Qty:	1.00			
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150 HandFinish Hand Finishing	Chemical Conversion Coat per QSI005 4.1 Memo	0.00 BR 10-10-19 0.00				②			
160 Powdercoat Powder Coating	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum M1152A Memo POWDER COAT: Start Time: 3:50 Oven Temperature: 320 Finish Time: 4:20	0.00 BR 10-10-19 0.00				②			
170 QC Quality Control	QC3- Inspect Part Finish Memo	0.00 = J 10/10/20 0.00				X2	9		

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 62796

Friday, October 08, 2010 10:36:25 AM



Page 4

Item ID: D4074-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Bracket

Start Date: 10/8/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 10/15/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

180

Identify as per dwg & Stock Location: 122

0.00



Packaging

Memo

0.00

Packaging

10.10.29 2
10/10/10

190

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10.10.29
10/10/10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

Friday, October 08, 2010 10:36:30 AM

Work Order ID: 62796



Parent Item: D4074-1



Parent Item Name: Bracket



Start Date: 10/8/2010

Required Date: 10/15/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.06.08 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.125 		Purchased	No			100	sf	91.5100	0.0452	0.047579			
6061-T6 .125 Sheet													

10-10-12

Location

Loc Qty

Loc Code

MAT21

91.51

113608

91.51

114352

114352

2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

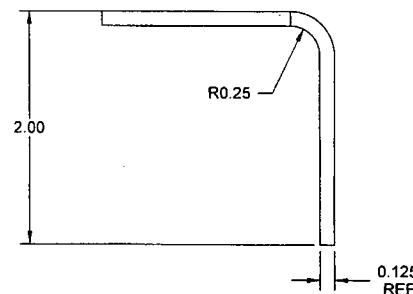
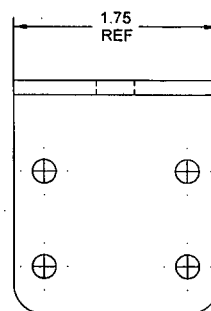
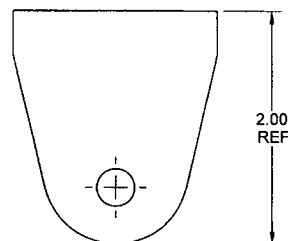
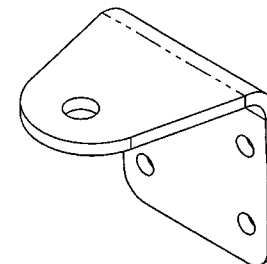
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SHOP COPY
 RETURN TO
 ENGINEER
 UNCONTROLLED COPY
 SUBJECT TO REVISION
 WITHOUT NOTICE
 WORK ORDER
 NO. 62794
RF10006



D4074-1 BRACKET
 (MAKE FROM D4074-1F FLAT PATTERN)

RELEASED
 2010-09-23
MD

NOTES:

- 1) MATERIAL: MAKE FROM D4074-1F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.07 lbs

A		NEW ISSUE		HS	10.09.16
REV.		DESCRIPTION		BY	DATE
DESIGN		DART AEROSPACE USA, INC. PORT HADLOCK, WA			
DRAWN	RF				
CHECKED	<i>MD</i>	DRAWING NO. D4074		REV. A	
MFG. APPR.	<i>MD</i>				SHEET 1 OF 7
APPROVED	<i>MD</i>	TITLE BRACKET			SCALE
DE APPR.	<i>MD</i>				NTS
DATE 10.09.16		<small>COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>			

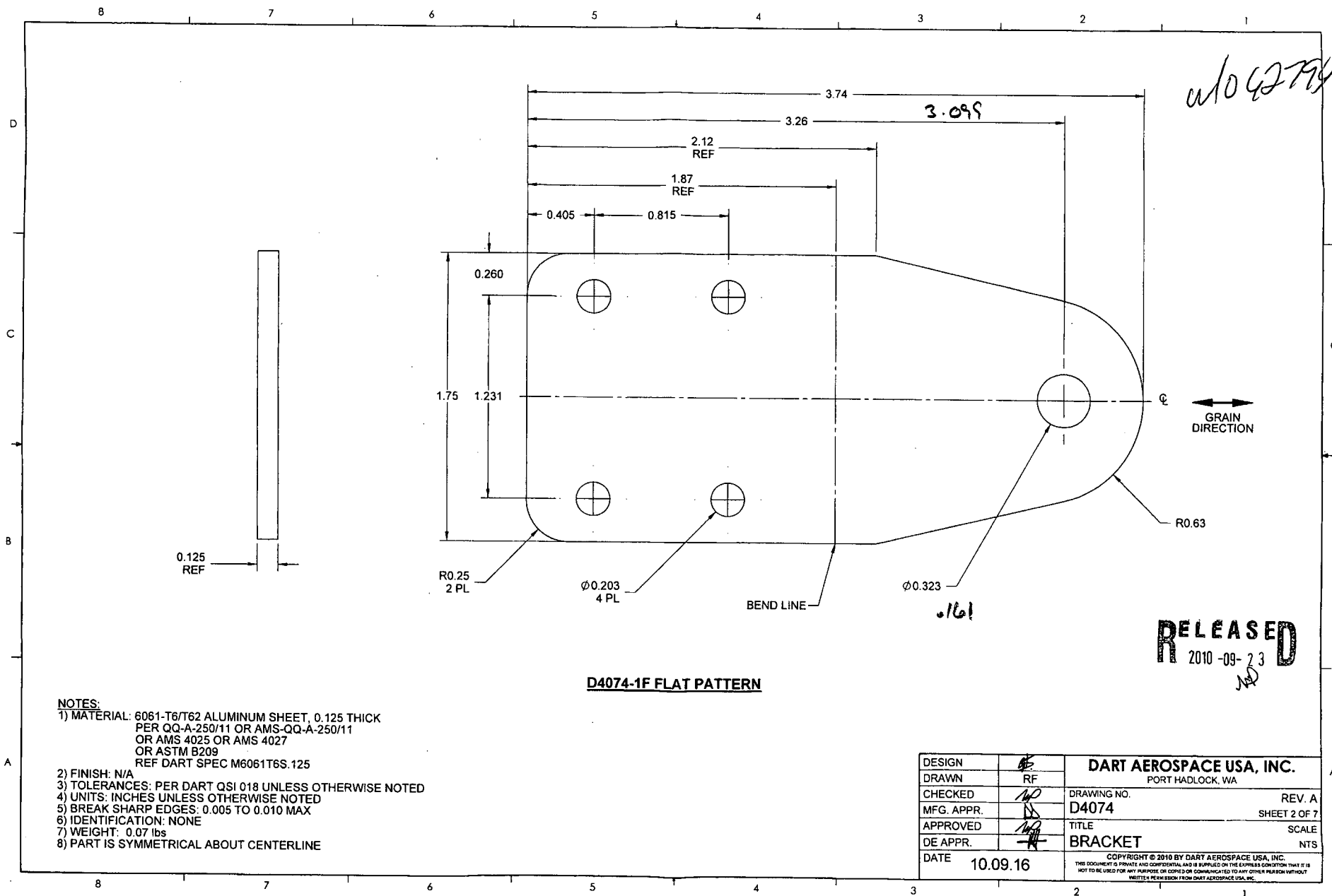
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



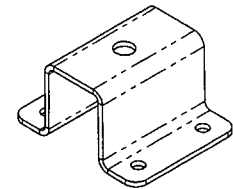
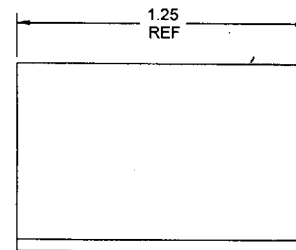
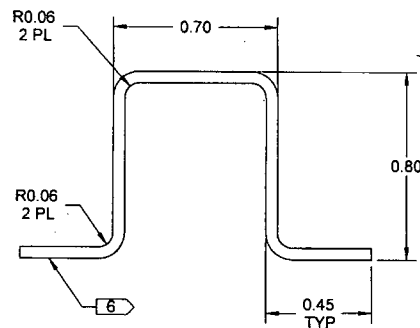
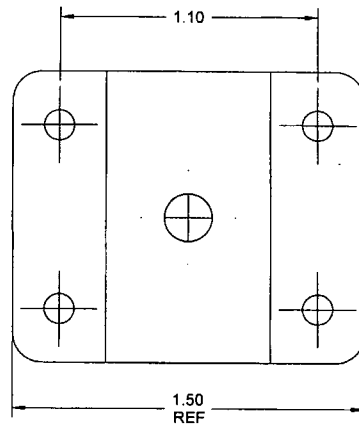
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



w/o 4276

D4074-3 CHANNEL
(MAKE FROM D4074-3F FLAT PATTERN)

NOTES:

- 1) MATERIAL: MAKE FROM D4074-3F FLAT PATTERN
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.05 lbs

RELEASED
2010-09-23

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DRAWN	RF	PORT HADLOCK, WA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RF	D4074	SHEET 3 OF 7
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

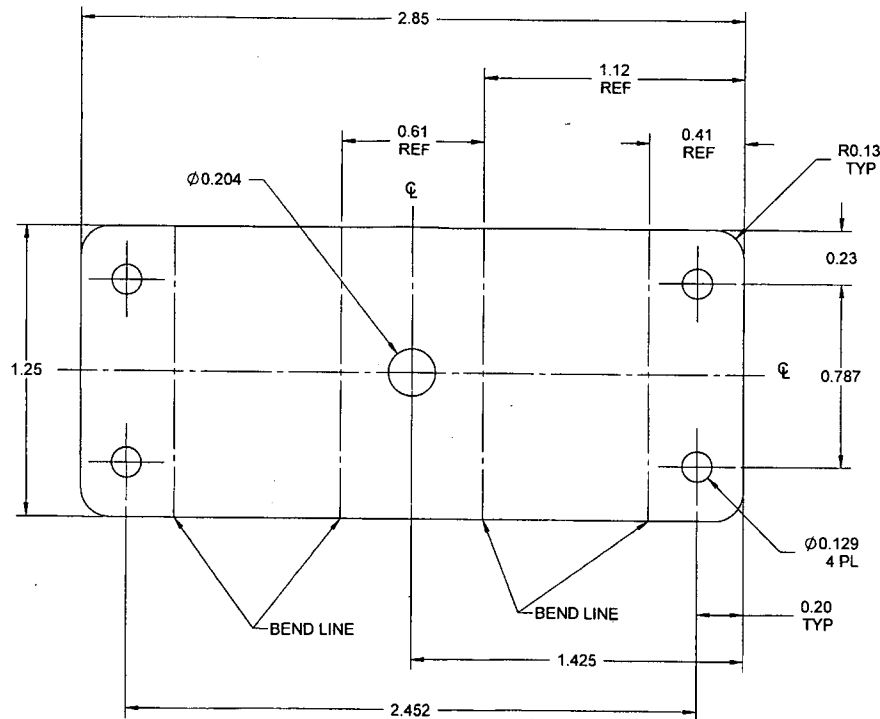
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

GRAIN
DIRECTION



u062774

D4074-3F FLAT PATTERN

RELEASED
2010-09-23
AM

NOTES:

1) MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH
0.050 (18 GAUGE) THICK
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
REF DART SPEC M3046S18GA

2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.05 lbs
8) PART IS SYMMETRICAL ABOUT CENTERLINE

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, VA	
CHECKED	140	DRAWING NO.	REV. A
MFG. APPR.	140	D4074	SHEET 4 OF 7
APPROVED	140	TITLE	SCALE
DE APPR.	140	BRACKET	NTS
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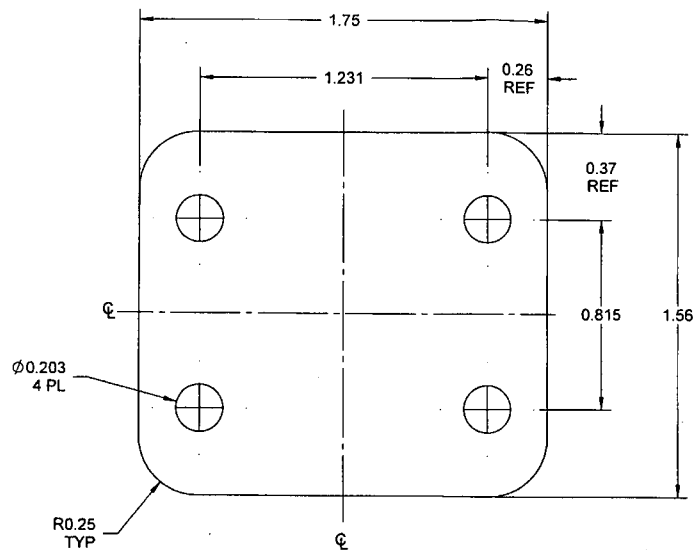
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D4074-5 BACKING PLATE

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.063 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC M6061T6S.063
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.02 lbs
- 8) PART IS SYMMETRICAL ABOUT CENTERLINE

RELEASED
2010-09-23

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RF	D4074	SHEET 5 OF 7
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	BRACKET	NTS
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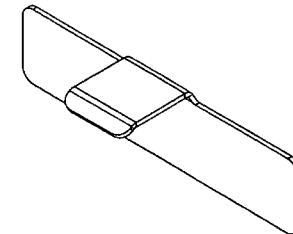
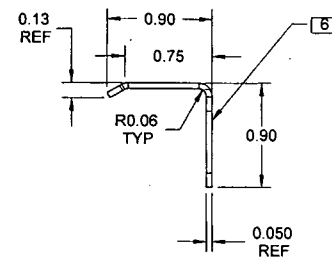
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



W/O WTB

D4074-7 STRIKER PLATE
(MAKE FROM D4074-7F FLAT PATTERN)

NOTES:

- 1) MATERIAL: MAKE FROM D4074-7F FLAT PATTERN
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.05 lbs

RELEASED
2010-09-23
NA

DESIGN	<i>RF</i>	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	<i>RF</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>RF</i>	D4074	SHEET 6 OF 7
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

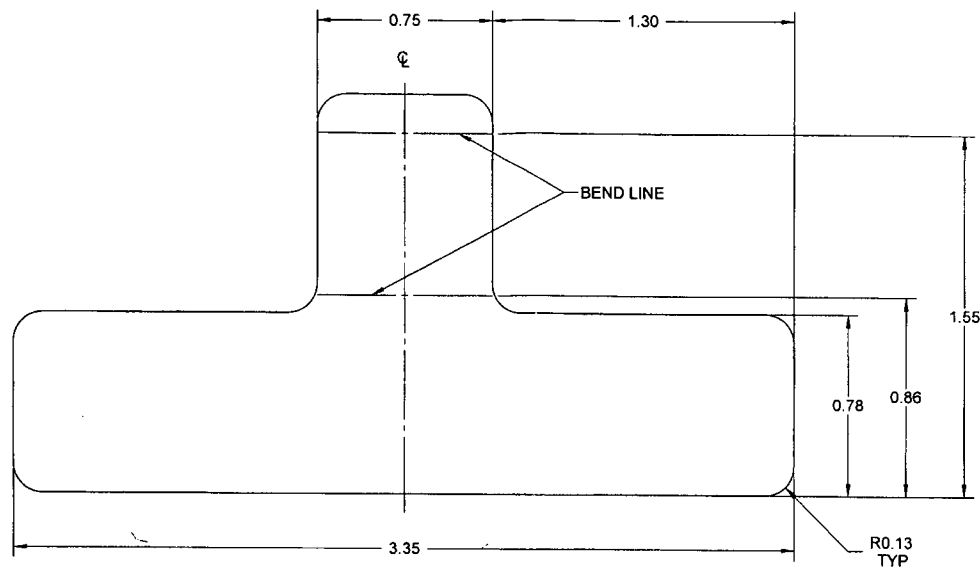
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

celo 62794



D4074-7F FLAT PATTERN

NOTES:

1) MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH
0.050 (18 GAUGE) THICK
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
REF DART SPEC M3046S18GA

2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.01 lbs
8) PART IS SYMMETRICAL ABOUT CENTERLINE

RELEASED
2010-09-23
MP

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	MP	DRAWING NO.	REV. A
MFG. APPR.	MP	D4074	SHEET 7 OF 7
APPROVED	MP	TITLE	SCALE
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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Receiving Report

Date: 10/4/12

Batch No: M 114352

Supplier: Magna

Dart P/O: ~~11590~~ 11621

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 1014112 N/A ☐

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
<u>see P/O</u>	<u>4 B10</u>					

Initials of receiver (if shipment OK) Level 12 CZ

Production/Admin: 10/4/13
 Date
 Received/Costing CZ
 Initial

Location _____



Magna Stainless
5775 Kieran St, Saint-Laurent QC H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

INVOICE

Pg 1 of 1 I025516

SOLD TO:

00003858
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY , ON
K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY , ON
K6A 1K7

MTR:Y

INVOICE DATE:	04/12/10
ORDER DATE:	04/08/10
SHIP DATE:	04/12/10
ORDER NUMBER:	W027937
PURCHASE ORDER:	PO11621

Currency	Sales Person	Ship Via	F.O.B.	Terms
CANADIAN DOLLARS	ERYCK BLAIS	NIR:R-557065-1	PREPAID	NET 30 DAYS

Ln	Back Ordered	Ordered	Unit	Description	Shipped	Price Per	Value
				ALUMINUM FLATS			
		3	PC	AFL 6061 T6 3/8" x 1" x R/L L036797 20' 3 PC/26 LB	3 UN	20.00	60.00
		1	PC	AFL 6061 T6 1" x 4" x R/L L034435 20' 1 PC/94 LB	1 UN	215.00	215.00
				ALUM RECT TUBE			
		1	PC	ART 6061 T6 SC 2" x 4" x .120" x R/L L037453 20' 1 PC/34 LB DO NOT CHANGE MY PICKS PLEASE	1 UN	74.00	74.00
				ALUMINUM SHEET			
		2	PC	ASH 6061 T6 .125" x 48" x 96" L035652 2 PC/115 LB	2 UN	205.00	410.00

RECEIVED APR 16 2010

04/13/10 09:45:27

PST Exempt No: EXEMPT

Merchandise:	759.00
Surcharges:	
No Tax Costs:	
GST	37.95
Total Due:	796.95

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471
G.S.T. # 881565899 RT0001

Purchase Order Receipt Listing

Page 1 of 1

April 13, 2010 10:12:47 AM

All amounts are calculated in domestic currency.

All Vendors PO ID po11621 Receipt Dates from 4/13/10 to 4/13/10 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

[illegible]



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



PACKING LIST

Page 1 of 1

I025516

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY, ON
K6A 1K7
Contact: CHANTAL

HAWKESBURY, ON
K6A 1K7
Ship Terms: PREPAID



SPECIAL INSTRUCTIONS

m114352

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	PO11621	
Sales Order	Terms		Ship Via	Date Ordered	Date Required	Date Shipped
W027937	NET 30 DAYS		NIR:R-557065-1	04/08/10	04/12/10	04/12/10

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
3		PC	ALUMINUM FLATS AFL 6061 T6 3/8" x 1" x R/L			3
1		PC	20' 26 LB / 3 PC AFL 6061 T6 1" x 4" x R/L	L036797	47707	3
			20' 94 LB / 1 PC	L034435	7892	1
1		PC	ALUM RECT TUBE ART 6061 T6 SC 2" x 4" x .120" x R/L			1
			20' 34 LB / 1 PC	L037453	729559	1
			DO NOT CHANGE MY PICKS PLEASE			
2		PC	ALUMINUM SHEET ASH 6061 T6 .125" x 48" x 96"			2
			115 LB / 2 PC	L035652	3321301	2
Bundles: 1			Skids: 1			
			Approx Weight:			269 LB

CL 10/4/12

Received by: _____ Date: _____ Signature: _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO11621

Purchase Order Date 4/08/10

PO Print Date 4/08/10

Page Number 1 of 3

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

FAKED
CS 10/10/10

m114352

Contact Name
Vendor Phone 800 363 6646
Vendor Fax 514 339 1105
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6R0.625	6061-T6 Round Bar .625"	4/13/10 Yes	60.00 f	Yours ppd	\$2.5833	\$155.00
		Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR ASTM B211 OR ASTM B221					
2	M6061T6S.125 ✓	6061-T6 .125 Sheet	4/13/10 Yes	64.00 sf	Yours ppd	\$6.4062	\$410.00
		Special Inst: MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209					
3	M6061T6B1.000X04.000 ✓	6061-T6 Bar 1.00 x 4.00	4/13/10 Yes	12.00 20 f	Yours ppd	\$17.9160	\$214.99
		Special Inst: MATERIAL: 6061-T6					

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

4/08/10



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO11621

Purchase Order Date 4/08/10

PO Print Date 4/08/10

Page Number 2 of 3

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-
225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-
200/8 OR AMS 4160 OR ASTM B221
OR ASTM B221

5	M6061T6B0.750X01.500	6061-T6 Bar .750 X 1.50	4/13/10 Yes	12.00 f	Yours ppd	\$5.4167	\$65.00
		Special Inst:	AS ABOVE				
6	M6061T6B0.375X01.000 C 910/4/12	6061T6 BAR .375 x 1.00	4/13/10 Yes	60.00 f	Yours ppd	\$1.0000	\$60.00
		Special Inst:	AS ABOVE				
7	M6061T6B1.000X02.000	6061-T6 Bar 1.00 x 2.00	4/13/10 Yes	60.00 f	Yours ppd	\$8.2500	\$495.00
		Special Inst:	AS ABOVE				
8	M6061T6B1.000X06.000	6061T6 BAR 1.00 X 6.00	4/13/10 Yes	12.00 f	Yours ppd	\$21.5000	\$258.00
		Special Inst:	AS ABOVE				
9	M7075T6B1.000X1.000	7075 T6 BAR 1.00 x1.00	4/13/10 Yes	12.00 f	Yours ppd	\$24.5830	\$295.00
		Special Inst:	MATERIAL: 7075-T73/7075- T7351/T73510/T73511 BAR PER AMS-QQ-A-200/11 OR AMS-QQ- A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12				

4/08/10

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO11621

Purchase Order Date 4/08/10

PO Print Date 4/08/10

Page Number 3 of 3

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

10	M174B0.250X4.000	17-4 SS Bar .250 X 4.00	4/13/10	12.00	Yours ppd	\$24.5800	\$294.96
			Yes	f			

Special Inst: MATERIAL 17-4 PH SS BAR
PER AMS 5604/5643
GRAIN MUST RUN ALONG
LENGHT OF BAR
MIN: YIELD TENSILE STRENGHT =
100KSI
MIN: ULTIMATE TENSILE
STRENGHT = 150 KSI

11	M6061T6TR4.0X2.0W125	6061-T6 Rect Tube 4.0 x 2.0 x .125w	4/13/10	20.00	Yours ppd	\$3.7000	\$74.00
			Yes	f			

Special Inst: MATERIAL: 6061-T6
/T651/T6510/T6511/T62
RECTANGLE TUBING
PER AMS-QQ-A-225/8 OR AMS
4117/4128/4115/4116 OR
PER AMS-QQ-A-200/8 OR AMS 4160

12	M2024T3S.040	2024-T3 .040 sheet	4/13/10	96.00	Yours ppd	\$6.0900	\$584.64
			Yes	sf			

Special Inst: MATERIAL: 2024-T3 ALUMINUM
SHEET
PER QQ-A-250/4 OR AMS-QQ-A-
250/4 OR ASTM 4037 OR ASTM B209

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

PO Total: \$2,906.58

Change Nbr: 2

Change Date: 4/08/10

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

sapa:

ROCKWELL CERTIFICATION

Customer	Date	Location
MAGNA STAINLESS INC.	2/24/2010	Mississauga
Customer # 61087		Order # 20837
Control # 69677-1		P.O. # PO09065
Cust Part # 1" X .375" Flat Bar		Die # AS 7772
Alloy & Temper 6061 T6		Cast # 47707

Test results

	Rc E
Min. Req.	88
Actual	92

8
10/04/12

Typical Chemistry 6061

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti
0.4-0.8	0.7mx	0.15-0.4	0.15mx	0.8-1.20	0.04-0.35	0.05mx	0.25mx	0.15mx

Tensile testing is performed according to ASTM B557.84 requirements
Mechanical test results conform to specifications for ASTM B 221/SB221, ASTM B 308/B 308M
except for Sec. 8.2 (Number of Specimens) which is determined by customer requirement
The aluminum extrusions tested meet the chemical composition requirements of the alloy specified.

Tested By: Anil Verma Date: 2/24/2010

Sapa Extrusion
5675 Kennedy Rd.
Mississauga, ON, L4Z 2H9

Tel: (905) - 890 - 8821
Fax: (905) - 890 - 3670

PO09065

C1063

Material Test Report

Customer Ship To:

Magna Stainless Inc.
5775 Kieran St.

St-Laurent

QB H4S 0A3

Our Order: 833132 - 1

Your PO # PO08068

Part # 05885-000-240

Die: LS05885

Description: 1000 x 4.000

Alloy Temper 6061 T6

Print Date: 12/8/2009

Chemical Properties

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	others each	others total	Al
0.40-0.8	0.7 max	0.15-0.40	0.15 max	0.8-1.2	0.04-0.35	0.25 max	0.15	0.05	0.15	remain

Mechanical Properties Strength ksi

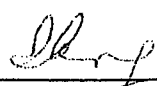
Test ID	Test Date	CastNum	Ultimate	Yield (2% Offset)	Elongation (2" gage length)
4501	12/4/09	7892	45.29	42.53	14.0

Applicable Specifications: ASTM B221-08 ASTM B308-02 ASTM B429 QQA200/8 QQA200/16

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Eric Hotte - Tensile Testing

Authorized


Evan Eng, Quality Assurance Mgr.

PO08068-7892

ANALYSIS CERTIFICATE

Empire Resources, Inc.

One Parker Plaza
Fort Lee, NJ 07024-2937
United States
Tel : (201) 944-2200
Fax : (201) 944-2226
tlehr@empireresources.com

EMPIRE Letter Ref # : EWR55628



Thursday, 11 March, 2010

Date : March 11, 2010

Sales Contract # : E140596

Alloy-Temper : 6061-T6

Container # : EXTR20080501

Case # : EXC17464

Cast # : 729559

Die # : A10420

Specification : 2" X 4" X .125" X 20' TUBE 6061, T6

Purchase Order : P009207

Customer Part # :

Handwritten: 10/16/12

Handwritten: P009207-EXC17464

MADE IN THE USA

Chemical Composition (WT%)

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other Elements	
Min	0.40		0.15		0.8	0.04			Each Max	Total Max
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15
Actual	= 0.53	= 0.17	= 0.19	< 0.01	= 0.8	= 0.07	= 0.01	< 0.01	= 0	

* Aluminum = Remainder

Actual cast analysis is retained on file.

Tensile Properties

Test No.	Yield (ksi)	Tensile (ksi)	Elong. (%)
1	38.9	41.8	13

ASTM B221-06, AMS-QQ-A-200/8-97

Handwritten Signature: Ross Toombs

Authorized Signature

Ross Toombs
General Manager

Handwritten: C1956

MILL TEST REPORT

his MTR contains 2 pages (Page: 1)

MTR#: AGCL0126 Customer#: MAGDOR PO#: P008736 SO#: PF6435
Item#: 12548966061T6 Bundle#: 6008690002 Heat#: 33213/01




Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate - mill certificate

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Nr.: 85360794 01/1
Rev. 0
Seite / page: 1 von / of 2
Datum / date: 2009 10 08

AGCL0126

	Bestell Nr. / order no.:	N00371
	Datum / date:	2009 07 13
	Auftragsbest. Nr. / order confirm. no.:	600869
	Datum / date:	2009 07 15
	Liefersehein Nr. / delivery note:	85360794
	Datum / date:	2009 10 08
	Akkreditiv Nr. / letter of credit no.:	

Produkt/product Form / form: Sheet Werkstoff / material: 6061 Zustand / temper: T6 Dim. / dim: [inch]: 0,125x48,00x96,00 Kundenartikel-Nr / customer article no.: 12548966061T6/AM	Bedingungen/terms Techn. Lieferbedingungen / techn. spec.: ASTM B 209-04, AMS-QQ-A-250/1-97, ASME SB 209, 2007 Sondervorschrift / special terms:
--	---

AB-Pos. ord.-item.	BNr/Los/Follos Lot/N6/Part	Guss Nr. cast no.	Werkstoff material	Kollo packno.	Gewicht netto weight net	Stk. pcs.
01	33213/01/00	01/0034539/9	6061.1	6008690002	4052,028 lbs	72

Chemische Zusammensetzung / chemical composition: [%] Gewichtsanteile / weight proportion										
Guss Nr. / cast no.	AMAG designation	Si	Pb	Op	Mn	Mg	Cr	Ni	Zn	Ti
01/0034539/9	6061.1 actual	0,62	0,48	0,21	0,07	0,85	0,16	0,01	0,13	0,05

Zugversuch / Tensile test									
BNr/Los Lot/No.	Zustand temper	Richtung direction			Rm [ksi]	Rp0.2 [ksi]	A2" [%]		
33213/01	T6	LT			46,8	39,5	17		
33213/01	T6	LT			47,0	39,8	16		
33213/01	T6	LT			46,7	39,3	17		
33213/01	T6	LT			46,7	39,5	16		
33213/01	T6	LT			46,8	39,3	18		
33213/01	T6	LT			46,8	39,5	16		
33213/01	T6	LT			47,0	39,5	16		
33213/01	T6	LT			47,3	39,9	17		
33213/01	T6	LT			47,3	39,7	16		

AMAG rolling GmbH, Postfach 32, A-5282 Ranshofen, Österreich - www.amag.at
AMAG rolling GmbH, P.O. Box 32, A-5282 Ranshofen, Austria - www.amag.at

P008736 (102)

MILL TEST REPORT

This MTR contains 2 pages (Page: 2)

MTR#: AGCL0127 Customer#: MAGDOR PO#: P008736 SO#: PF6435
Item#: .12548960081T0 Bundle#: 6008600002 Heat#: 33213/01



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate - mill certificate

Nr.: 85360794 01/1

Rev. 0

Seite / page: 2 von / of 2

Datum / date: 2009 10 08

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, ENAS 9100, ISO 14001, NADCAP

Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.
We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Werkssachverständiger /
factory specialist
Josef Klampfer

E-Mail / e-mail
j.klampfer@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.
Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.

AMAG rolling GmbH, Postfach 32, A-5282 Ranshofen, Österreich - www.amag.at
AMAG rolling GmbH, P.O. Box 32, A-5282 Ranshofen, Austria - www.amag.at